

**Council on Technology Services**  
**State Local Applications and Network Integration Workgroup**  
**COTS Report July 21, 1999**

Last Meeting -- Friday, July 16, 1999, 10:00 a.m. - 1:00 p.m. State Supreme Court Building, 6<sup>th</sup> Floor

In attendance -- David Sullivan, City of Virginia Beach - Co-Chair, Ken Mittendorff, Virginia State Supreme Court, Andy Poarch, Virginia Department of Information Technology, Bill Shinar, Virginia Geographic Information Network, Bobby Wattlington, Virginia Department of Motor Vehicles, Barry Cross, Chesterfield County IST, Tom Conry, Fairfax County DIT/GIS, Gail Eskew, Fairfax County Telecom Productions, Garry Quinn, Fairfax County Telecom Productions, Sharon Duncan, Virginia State Supreme Court, Bob Kelley, Virginia State Supreme Court

**Agenda:**

**I. State Supreme Court Video Conference System**

Ken Mittendorff made a presentation on the State Supreme Court ' s Video Conference System Pilot for local magistrates. The system was designed to help magistrates, who as officers of the court must be available 24 hours a day, 7 days a week. This presents staffing and coverage issues in many smaller counties and in larger localities with multiple locations. The video conference system allows a remote magistrate to issue a warrant, summons, commitment order or release without having to transport the individual involved to the magistrate. The system allows remote printing of required documents and is integrated with OES Automated Magistrate System.

The workgroup saw a live demonstration of the system using a single ISDN line to Arlington County and a three line ISDN connection to Dickenson County. The system uses video conference hardware and software provided by PictureTel with a total cost of approximately \$9000 per site. The pilot project consisted of four sets of magistrates offices, Arlington-Falls Church, Staunton-Waynesboro, Winchester-Clarke, and Pulaski-Richmond. In addition to the pilots, Russell-Dickenson and Virginia Beach (7 sites) are also operational. The State Supreme Court has also added a number of other courts, jails, detention centers and correctional facilities for a total of 38 sites state-wide.

The technology demonstrated was powerful, affordable and cost effective. The key provision is the open design which allows any of these sites to connect to any other using standard ISDN dial-up connectivity. The workgroup sees the need to be able to facilitate connection though an ISDN dial-up gateway to both the CTN ' s frame relay network and Net.Work Virginia ' s ATM network.

**II - GIS - Virginia Geographic Information Network - Goals & Perspectives**

Bill Shinar of the Virginia Geographic Information Network made a presentation on state-wide GIS goals and efforts. The presentation covered:

- Direct advantages of GIS for information services and decision support
- Business advantages of GIS for the organization
- Local government GIS applications
- GIS related issues within and across organizations
- VGIN Initiatives

The workgroup discussed how localities could partner with the state to leverage existing local and state GIS efforts to promote development of a state-wide geographic database. Ideas included sharing of success stories, best practices, use of Internet map server technologies, and cost sharing for aerial photometry to update land base information. The workgroup also discussed the need for a statewide geographic based parcel identification system.